



United States Department of the Interior

BUREAU OF RECLAMATION

Great Plains Region

Montana Area Office

P.O. Box 30137

Billings, Montana 59107-0137



IN REPLY REFER TO: MT-450

May 28, 2014

FAXOGRAM: Water Order Change

To: Chief, Power Supply and Billing Division, WAPA, Watertown, South Dakota
Attention: F-6300
Chief, Power Dispatching Branch, WAPA, Loveland, Colorado
Attention: J-4120
Facilities Manager, Helena, Montana
Attention: MT-800, MT-810, MT-831
Project Manager, Mills, Wyoming
Attention: WY-4000, WY-4100, WY-6400
PPL Energy Plus, LLC, Butte, Montana
Attention: Resource Coordinator, Deb Mallowney

From: Reservoir and River Operations, Billings, Montana /S/ Tim H. Felchle

Subject: **Canyon Ferry Water Release Order - CFR No. 14-23**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3782.74; Storage: 1,438,597 acre-feet; River Release: 8,140 cfs; Inflow: 19,230 cfs;

GENERAL COMMENTS:

Inflows into Canyon Ferry have increased to over 19,200 cfs and are forecast to continue increasing. To slow and control the rate of fill in the reservoir, releases out of Canyon Ferry to the Missouri River will be gradually increased. As a result, the following operation changes are required at Canyon Ferry Dam and Powerplant.

CANYON FERRY RELEASES AND OPERATIONS: Times are Mountain Daylight Savings Time (MDST)

At 1300 hour on Wednesday, May 28, 2014:

*Decrease releases through the river outlet gates to 0 cfs.
Increase releases through the spillway gates to 3,000 cfs.
Maintain turbine release at $\approx 5,840$ cfs ($\approx 1,312$ MW-Hrs/day using 106.8 cfs/mw).
Maintain release for Helena Valley Project at 850 cfs (380 cfs pumped to Helena Valley and 470 cfs discharged to the Missouri River).
Increase release to the Missouri River to 9,310 cfs.
Increase total release from Canyon Ferry to 9,690 cfs.*

At 1000 hour on Thursday, May 29, 2014:

*Maintain releases through the river outlet gates at 0 cfs.
Increase releases through the spillway gates to 4,000 cfs.
Maintain turbine release at $\approx 5,840$ cfs ($\approx 1,312$ MW-Hrs/day using 106.8 cfs/mw).
Maintain release for Helena Valley Project at 850 cfs (380 cfs pumped to Helena Valley and 470 cfs discharged to the Missouri River).
Increase release to the Missouri River to 10,310 cfs.
Increase total release from Canyon Ferry to 10,690 cfs.*